

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/004342

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N33/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, EMBL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 03/009871 A (GENSET S.A.) 6 February 2003 (2003-02-06) the whole document abstract page 20 -& DATABASE EMBL 'Online! EBI; Adrenomedullin 185 aa, 13 May 2003 (2003-05-13) retrieved from EBI Database accession no. ABP72347 XP002294460 abstract</p> <p>—</p> <p style="text-align: center;">-/-</p>	8-15

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual compilation of the international search

1 September 2004

Date of mailing of the international search report

11/10/2004

Name and mailing address of the ISA

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Jenkins, G

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE PROTEIN 'Online!' NCBI; prepro-adrenomedullin, 29 May 2002 (2002-05-29) retrieved from NCBI Database accession no. BAA07756 XP002294461 abstract</p> <p>---</p>	8-12
X	<p>DATABASE EMBL 'Online!' EBI; Adrenomedullin peptide (AM) SEQ ID NO:939, 22 June 2001 (2001-06-22) retrieved from EBI Database accession no. AAB91763 XP002294462 abstract</p> <p>---</p>	8-12
Y	<p>& WO 200 069 900 A (BRIDON ET AL.) 23 November 2000 (2000-11-23)</p> <p>---</p> <p>HOJO YUKIHIRO ET AL: "Decreased adrenomedullin production in the coronary circulation of patients with coronary artery disease" HEART (LONDON), vol. 84, no. 1, July 2000 (2000-07), page 88 XP002294459 ISSN: 1355-6037 the whole document figure 1</p> <p>---</p>	1-7, 13-16, 19,20
A	<p>WO 01/18550 A (PIO RUBEN ; US HEALTH (US); CUTTITTA FRANK (US); ELSASSER TED H (US);) 15 March 2001 (2001-03-15)</p> <p>claim 1</p> <p>---</p>	1-16,19, 20
A	<p>YAMAMOTO KEIJI ET AL: "Plasma levels of adrenomedullin in patients with mitral stenosis" AMERICAN HEART JOURNAL, vol. 135, no. 3, March 1998 (1998-03), pages 542-549, XP008034752 ISSN: 0002-8703 the whole document page 546, column 1, paragraph 1</p> <p>---</p>	1-16,19, 20

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Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of Item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:

a. type of material

a sequence listing
 table(s) related to the sequence listing

b. format of material

in written format
 in computer readable form

c. time of filing/furnishing

contained in the international application as filed
 filed together with the international application in computer readable form
 furnished subsequently to this Authority for the purpose of search

2. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

3. Additional comments:

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: 17, 18 because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT – Method for treatment of the human or animal body by therapy
Rule 39.1(iv) PCT – Diagnostic method practised on the human or animal body
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 03009871		06-02-2003	WO	03009871 A2		06-02-2003
WO 200069900	A	23-11-2000	AT	252601 T		15-11-2003
			AT	226593 T		15-11-2002
			AU	764103 B2		07-08-2003
			AU	4774800 A		05-12-2000
			AU	754770 B2		21-11-2002
			AU	4855500 A		05-12-2000
			AU	761591 B2		05-06-2003
			AU	5027100 A		05-12-2000
			AU	765753 B2		25-09-2003
			AU	5139300 A		05-12-2000
			BR	0010750 A		26-02-2002
			BR	0010757 A		19-02-2002
			CA	2363712 A1		23-11-2000
			CA	2372338 A1		23-11-2000
			CA	2373252 A1		23-11-2000
			CA	2373680 A1		23-11-2000
			CN	1350548 T		22-05-2002
			CN	1351611 T		29-05-2002
			DE	60000665 D1		28-11-2002
			DE	60000665 T2		26-06-2003
			DE	60006100 D1		27-11-2003
			DE	60006100 T2		01-07-2004
			DK	1180121 T3		01-03-2004
			EA	3922 B1		30-10-2003
			EP	1171582 A2		16-01-2002
			EP	1180121 A1		20-02-2002
			EP	1179012 A1		13-02-2002
			EP	1105409 A2		13-06-2001
			EP	1264840 A1		11-12-2002
			ES	2209885 T3		01-07-2004
			ES	2185595 T3		01-05-2003
			WO	0070665 A2		23-11-2000
			JP	2003508350 T		04-03-2003
			JP	2002544287 T		24-12-2002
			JP	2003527312 T		16-09-2003
			JP	2003500341 T		07-01-2003
			NO	20015584 A		03-01-2002
			PT	1180121 T		31-03-2004
			SI	1180121 T1		30-04-2004
			WO	0069911 A1		23-11-2000
			WO	0069900 A2		23-11-2000
			WO	0069902 A1		23-11-2000
			US	6329336 B1		11-12-2001
			US	2004127398 A1		01-07-2004
			US	2002049153 A1		25-04-2002
			ZA	200106676 A		19-07-2002
			ZA	200109110 A		13-06-2002
			US	2003108567 A1		12-06-2003
			US	2003108568 A1		12-06-2003
			US	6514500 B1		04-02-2003
WO 0118550		15-03-2001	AU	774725 B2		08-07-2004
			AU	7362200 A		10-04-2001
			CA	2383419 A1		15-03-2001
			EP	1214600 A2		19-06-2002
			WO	0118550 A2		15-03-2001